



链滴

# mongodb 副本集主从手动切换

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原文链接: <https://ld246.com/article/1574946342416>

来源网站: [链滴](#)

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## 一、方法一rs.setpDown()

### 将Primary节点降级为Secondary节点

```
myapp:PRIMARY> rs.stepDown()
```

这个命令会让primary降级为Secondary节点，并维持60s，如果这段时间内没有新的primary被选举来，这个节点可以要求重新进行选举。

也可手动指定时间

```
myapp:PRIMARY> rs.stepDown(30)
```

在执行完该命令后，原Secondary node3:27017升级为Primary。

## 二、方法二优先级设置

思路:

- 1.为了保证数据的一致性，必须先关闭应用的写服务。
- 2.提升要升级为Primary节点的Secondary节点的优先级。

操作如下:

点击(此处)折叠或打开

```
1. arps:PRIMARY> config=rs.conf()           //查看当前配置，存入config变量中。
2. arps:PRIMARY> config.members[0].priority = 3 //修改config变量，第三组成员的优先级为3.
   优先级1-100，数字越大，优先级越高
3. arps:PRIMARY> rs.reconfig(config)        //配置生效
4. .....
5. .....
6. 2017-12-22T15:19:56.596+0800 I NETWORK trying reconnect to 127.0.0.1:27017 (127.0.0.1)
   ailed
7. 2017-12-22T15:19:56.597+0800 I NETWORK reconnect 127.0.0.1:27017 (127.0.0.1) ok
8. arps:SECONDARY> rs.conf()                //查看当前配置
9. {
10.
    "id" : "arps",
11.
    "version" : 4,
12.
    "members" : [
```

13.

```
{
```

14.

```
  "_id" : 0,
```

15.

```
  "host" : "172.17.4.37:27017",
```

16.

```
  "arbiterOnly" : false,
```

17.

```
  "buildIndexes" : true,
```

18.

```
  "hidden" : false,
```

19.

```
  "priority" : 1,
```

20.

```
  "tags" : {
```

21.

```
  },
```

22.

```
  "slaveDelay" : 0,
```

23.

```
  "votes" : 1
```

24.

```
},
```

25.

```
26. {
    "_id" : 1,
27.
    "host" : "172.17.4.38:27017",
28.
    "arbiterOnly" : false,
29.
    "buildIndexes" : true,
30.
    "hidden" : false,
31.
    "priority" : 1,
32.
    "tags" : {
33.
    },
34.
    "slaveDelay" : 0,
35.
    "votes" : 1
36. },
37.
    {
38.
```

```
39.     "_id" : 2,
40.
41.     "host" : "172.17.4.39:27017",
42.
43.     "arbiterOnly" : false,
44.
45.     "buildIndexes" : true,
46.
47.     "hidden" : false,
48.
49.     "priority" : 3,      //优先级变为3
50.
51.     "tags" : {
52.
53.     },
54.
55.     "slaveDelay" : 0,
56.
57.     "votes" : 1
58. }
59. ],
60.
61.     "settings" : {
```

```
52.     "chainingAllowed" : true,
53.
54.     "heartbeatTimeoutSecs" : 10,
55.
56.     "getLastErrorModes" : {
57.
58.     },
59.
60.     "getLastErrorDefaults" : {
61.         "w" : 1,
62.
63.         "wtimeout" : 0
64.     }
65. }
66. arps:SECONDARY> rs.status()
67. {
68.
69.     "set" : "arps",
70.
71.     "date" : ISODate("2017-12-22T07:25:04.641Z"),
72.
73.     "myState" : 2,
```

```
    "syncingTo" : "172.17.4.39:27017",
67.
    "members" : [
68.
      {
69.
        "_id" : 0,
70.
        "name" : "172.17.4.37:27017",
71.
        "health" : 1,
72.
        "state" : 2,
73.
        "stateStr" : "SECONDARY",
74.
        "uptime" : 7597536,
75.
        "optime" : Timestamp(1513927481, 3),
76.
        "optimeDate" : ISODate("2017-12-22T07:24:41Z"),
77.
        "syncingTo" : "172.17.4.39:27017",
78.
        "configVersion" : 4,
79.
```

```
80.     "self" : true
81.   },
82.   {
83.     "_id" : 1,
84.     "name" : "172.17.4.38:27017",
85.     "health" : 1,
86.     "state" : 2,
87.     "stateStr" : "SECONDARY",
88.     "uptime" : 7597426,
89.     "optime" : Timestamp(1513927481, 3),
90.     "optimeDate" : ISODate("2017-12-22T07:24:41Z"),
91.     "lastHeartbeat" : ISODate("2017-12-22T07:25:02.961Z"),
92.     "lastHeartbeatRecv" : ISODate("2017-12-22T07:25:04.091Z"),
```



```
93.     "pingMs" : 0,
94.     "syncingTo" : "172.17.4.39:27017",
95.     "configVersion" : 4
96. },
97. {
98.     "_id" : 2,
99.     "name" : "172.17.4.39:27017",
100.     "health" : 1,
101.     "state" : 1,
102.     "stateStr" : "PRIMARY", //最后一个节点升级为PRIMARY
103.     "uptime" : 3202,
104.     "optime" : Timestamp(1513927481, 3),
105.     "optimeDate" : ISODate("2017-12-22T07:24:41Z"),
```

```
106.     "lastHeartbeat" : ISODate("2017-12-22T07:25:02.951Z"),
107.
108.     "lastHeartbeatRecv" : ISODate("2017-12-22T07:25:04.344Z"),
109.
110.     "pingMs" : 0,
111.
112.     "electionTime" : Timestamp(1513927190, 2),
113.
114.     "electionDate" : ISODate("2017-12-22T07:19:50Z"),
115.
116.     "configVersion" : 4
117.   }
118. ],
119.
120.   "ok" : 1
121. }
```